

ABSTRACT

1 A method for fabricating the cathode plate of a carbon nano tube field emission
2 display uses a photoconductive paste and etchable dielectric material to fabricate the
3 cathode plate. The method combines photolithography process and etching process to
4 fabricate a cathode electrode layer, a dielectric layer, a gate layer, and a carbon nano tube
5 emission layer. Packing this cathode plate structure with a conventional anode plate
6 together can form a carbon nano tube field emission array. The distribution of the electric
7 field is uniform and the alignment at post-process is made easy.